1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Name : 'CITANEST' 3% WITH OCTAPRESSIN

Address/Phone No. : Dentsply Ltd
Hamm Moor Lane
Addlestone
Weybrige
Surrey
KT15 2SE
Tel: 01932 853422
Fax: 01932 858970

Alternative Names
'Citanest' 3% with Octapressin Dental Cartridges

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No. : None assigned for the product
EC No. : None assigned
Use : local anaesthetic for use in dental procedures

<table>
<thead>
<tr>
<th>%(w/w)</th>
<th>HAZARDOUS INGREDIENT(S)</th>
<th>CAS No.</th>
<th>Symbol</th>
<th>R Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0</td>
<td>Prilocaine Hydrochloride</td>
<td>001786-81-8</td>
<td>Xn</td>
<td>R22 R41 R52/53</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

As a result of the physical presentation of the product, the risk to health in the normal handling of the product is expected to be low.

4. FIRST-AID MEASURES

Inhalation : Unlikely route of exposure. Remove patient from exposure. Obtain medical attention if ill effects occur.
Skin Contact : Remove contaminated clothing. Wash skin with soap and water. If symptoms (irritation or blistering) occur obtain medical attention.
Eye Contact : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
Ingestion : Wash out mouth with water and give 200-300ml of water to drink. Do not induce vomiting. Obtain medical attention.

Further Medical Treatment
Symptomatic treatment and supportive therapy as indicated. For further detail consult the prescribing information.

5. FIRE-FIGHTING MEASURES

If involved in a fire, it may burn and emit noxious and toxic fumes.
Extinguishing Media : water spray, foam, dry powder or CO2.
Fire Fighting Protective Equipment : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Ensure suitable personal protection during removal of spillages. Clear up spillages. Wash the spillage area with water. Transfer spilled cartridges to a suitable container for disposal. Take care to avoid needles and broken containers.
7. HANDLING AND STORAGE

7.1 HANDLING
No special precautions are necessary when handling packed product. In case of accident, avoid contact with skin and eyes. Do not breathe mist.

7.2 STORAGE
Keep container tightly closed. Protect from light.
Storage Temperature : Keep at a temperature not exceeding (Deg C) 25.
Storage Life : 2 year(s) (Plastic cartridges) 3 year(s) (Glass cartridges)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Wear suitable protective clothing.

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>LTIL 8hr TWA ppm</th>
<th>mg/m^3</th>
<th>STEL 15min ppm</th>
<th>mg/m^3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prilocaine hydrochloride</td>
<td>-</td>
<td>5</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Colour : clear aqueous solution
Odour : odourless
Solubility (Water) : freely soluble

10. STABILITY AND REACTIVITY
Stable under normal conditions.
Hazardous Decomposition Product(s) : None known.

11. TOXICOLOGICAL INFORMATION
The following information refers to active ingredient:
Inhalation : Unlikely route of exposure. May cause tingling/numbness in exposed areas (paraesthesia). High atmospheric concentrations may lead to anaesthetic effects.
Skin : May cause mild skin irritation. Repeated and/or prolonged contact may cause skin sensitisation in a small proportion of sensitive individuals.
Eye Contact : Risk of serious damage to eyes. May cause permanent damage if eye is not immediately irrigated.
Ingestion : By analogy with a similar substance this material is likely to be harmful. Lidocaine: Oral Median Lethal Dose 317mg/kg (rat). May produce numbness of the tongue and anaesthetic effects on the stomach.
Long Term Exposure : Chronic effects are unlikely.

12. ECOLOGICAL INFORMATION
No information on this formulation. The product is soluble in water. The following information refers to active ingredient:

Environmental Fate and Distribution
The substance has low potential for bioaccumulation.

Persistence and Degradation
May cause long-term adverse effects in the aquatic environment. Not readily biodegradable. (ISO 7827-1984(E))

Toxicity
Harmful to aquatic organisms. LC50 (zebra fish) (96 hour) 188mg/l. EC50 (Daphnia magna) (48 hour) 61mg/l. EC50 (green algae) (72 hour) 154mg/l.
Effect on Effluent Treatment
No information available.

Effect on Atmospheric Ozone
No information available.

13. DISPOSAL CONSIDERATIONS
Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION
Not Classified as Dangerous for Transport.

15. REGULATORY INFORMATION
Users should ensure that they comply with any relevant local, state or national legislation.

EC Classification : Exempt.

16. OTHER INFORMATION
This data sheet was prepared in accordance with Directive 91/155/EEC (93/112/EC).
The information and recommendations in this data sheet are to the best of our knowledge, information and belief accurate at the date of issue. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

GLOSSARY

OES : Occupational Exposure Standard (UK HSE EH40)
MEL : Maximum Exposure Limit (UK HSE EH40)
COM : The company aims to control exposure in its workplace to this limit
LTEL : Long-term exposure limit (8-hour TWA)
STEL : Short-term exposure limit (15-minute)
TLV : The company aims to control exposure in its workplace to the ACGIH limit
TLV-C: The company aims to control exposure in its workplace to the ACGIH Ceiling limit
MAK : The company aims to control exposure in its workplace to the German limit
Sk : Can be absorbed through skin
Sen : Capable of causing respiratory sensitisation

( Revision: 02 Date: 0202)